

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A fuel cell for production of electrical energy, comprising

- a fuel chamber (1)
- an anode (2a),
- a cathode (2b),
- an electrolyte (3) disposed between said anode and said cathode,
- an oxidant chamber (4), wherein said chambers (1) and (4) enclose said anode, cathode and electrolyte,
- wherein said electrolyte (3) is a ceramic CSC (ceria salt composite) electrolyte with an operating temperature range of 300°-800°C and comprising at least one salt and at least one ceria phase, and
- wherein the electrolyte is sulphate-based CSC for sulphur containing fuels, intended to operate as a high sulphur tolerant CFC device, acting as a pre-gas treatment station and intended to be combined with MCFC power plants.

2. (previously presented) A fuel cell according to claim 1, wherein the electrolyte comprises salts selected from

salts that makes the CSC material function as a specific conductor for particular ions.

3. (previously presented) A fuel cell according to claim 1, wherein the electrodes comprise binary oxides selected from the group of binary oxides consisting of: $A_xB_yO_z$ (A, B=Li, Mg, Ca, Sr, Cr, Fe, Co, Ni, Mn, Cu, Y, La, Ce, Zr, or Ti).

4. (canceled)

5. (currently amended) A fuel cell according to claim 2, wherein the electrodes comprise binary oxides selected from the group of binary oxides consisting of: $A_xB_yO_z$ (A, B=Li, Mg, Ca, Sr, Cr, Fe, Co, Ni, Mn, Cu, Y, La, Ce, Zr, or Ti).